Neil G Paterson

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9236785/publications.pdf

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18 papers	4,517 citations	623188 14 h-index	887659 17 g-index
21 all docs	21 docs citations	21 times ranked	7451 citing authors

#	Article	IF	Citations
1	The antibody response to SARS-CoV-2 Beta underscores the antigenic distance to other variants. Cell Host and Microbe, 2022, 30, 53-68.e12.	5.1	52
2	SARS-CoV-2 Omicron-B.1.1.529 leads to widespread escape from neutralizing antibody responses. Cell, 2022, 185, 467-484.e15.	13.5	788
3	Potent cross-reactive antibodies following Omicron breakthrough in vaccinees. Cell, 2022, 185, 2116-2131.e18.	13.5	105
4	Antibody escape of SARS-CoV-2 Omicron BA.4 and BA.5 from vaccine and BA.1 serum. Cell, 2022, 185, 2422-2433.e13.	13.5	532
5	De novo design of discrete, stable 310-helix peptide assemblies. Nature, 2022, 607, 387-392.	13.7	21
6	The antigenic anatomy of SARS-CoV-2 receptor binding domain. Cell, 2021, 184, 2183-2200.e22.	13.5	331
7	Reduced neutralization of SARS-CoV-2 B.1.1.7 variant by convalescent and vaccine sera. Cell, 2021, 184, 2201-2211.e7.	13.5	442
8	Antibody evasion by the P.1 strain of SARS-CoV-2. Cell, 2021, 184, 2939-2954.e9.	13.5	519
9	High-Throughput Crystallography Reveals Boron-Containing Inhibitors of a Penicillin-Binding Protein with Di- and Tricovalent Binding Modes. Journal of Medicinal Chemistry, 2021, 64, 11379-11394.	2.9	15
10	Reduced neutralization of SARS-CoV-2 B.1.617 by vaccine and convalescent serum. Cell, 2021, 184, 4220-4236.e13.	13.5	630
11	Structural basis for the neutralization of SARS-CoV-2 by an antibody from a convalescent patient. Nature Structural and Molecular Biology, 2020, 27, 950-958.	3.6	268
12	Neutralization of SARS-CoV-2 by Destruction of the Prefusion Spike. Cell Host and Microbe, 2020, 28, 445-454.e6.	5.1	298
13	Complex N-glycan breakdown by gut Bacteroides involves an extensive enzymatic apparatus encoded by multiple co-regulated genetic loci. Nature Microbiology, 2019, 4, 1571-1581.	5.9	116
14	How best to use photons. Acta Crystallographica Section D: Structural Biology, 2019, 75, 242-261.	1.1	16
15	Structural and functional insights into the lipopolysaccharide ABC transporter LptB2FG. Nature Communications, 2017, 8, 222.	5.8	64
16	Exploiting Microbeams for Membrane Protein Structure Determination. Advances in Experimental Medicine and Biology, 2016, 922, 105-117.	0.8	4
17	Structural basis for outer membrane lipopolysaccharide insertion. Nature, 2014, 511, 52-56.	13.7	239
18	INTRAMOLECULAR ISOPEPTIDE BONDS: NOVEL POST-TRANSLATIONAL MODIFICATIONS IN BACTERIAL PILI AND CELL-SURFACE ADHESINS. , 2013, , 417-427.		0